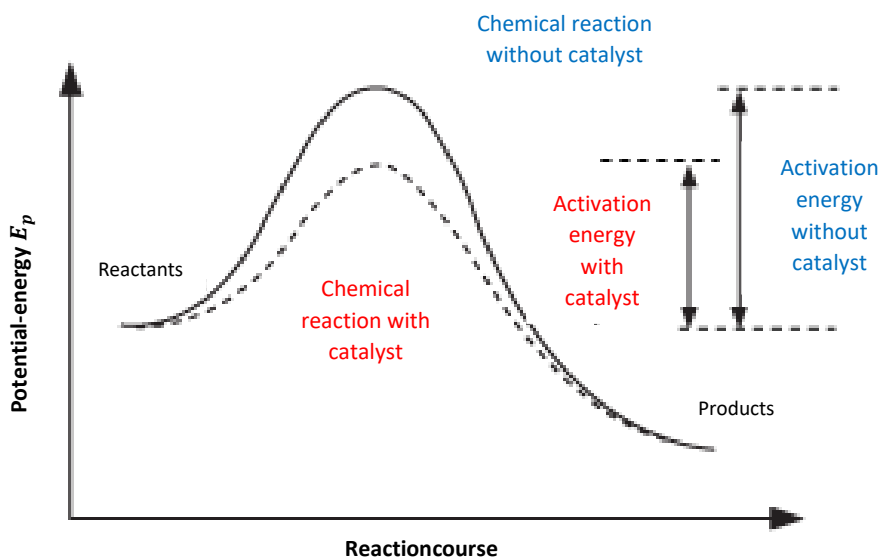


Catalysts

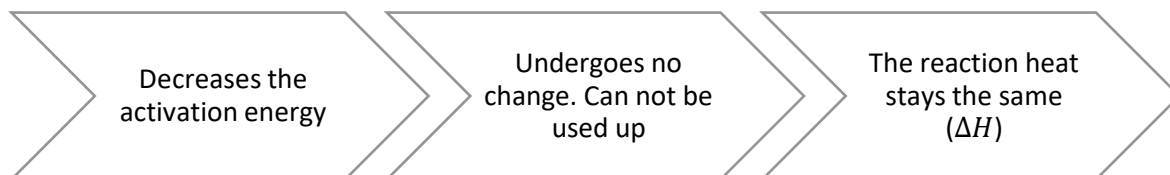
A Catalyst can be compared to science summaries. It grants you knowledge so that you can get higher science marks and work more efficient. The summaries can't be used up and does not change as you use it. This concept can be used to understand how catalysts work in chemical reactions.

Definition: A catalyst is a chemical that increases the tempo of a chemical reaction without going through any physical changes or being used up.

Without catalyst VS With catalyst



We can now see that the catalyst increases the tempo when it decreases the activation energy.



Catalyst types

1. **Homogeneous catalyst (=)**
Homogeneous catalysts are in the same phase state as the reactants.
2. **Heterogenous catalyst (≠)**
Heterogenous catalysts are not in the same phase state as the reactants.